D-Glucitol

50-70-4 | DTXSID5023588

Model Performance

Model	Data

Weighted KNN model

5-fold CV (75%)		**Training (75%)**		**Test (25%)**	
Q2	RMSE	R2	RMSE	R2	RMSE
0.87	0.81	0.87	0.82	0.86	0.86

Model Results

Predicted value: 1.49 mol/L

Global applicability domain: Inside

Local applicability domain index: 3.85e-01

Confidence level: 6.96e-01

Nearest Neighbors from the Training Set

Image not found
D-Glucitol
Measured: 1.45
Predicted: 1.49

Image not found
D-Mannitol
Measured: 1.45
Predicted: 1.49

Image not found
D-Galactitol
Measured: 1.45
Predicted: 1.49

Image not found
Xylitol
Measured: 4.22
Predicted: 2.97

Image not found
1-Propene-1,2,3-tricarboxylic acid
Measured: 2.45
Predicted: 1.87

Image not found
1-Propene-1,2,3-tricarboxylic acid
Measured: 2.45
Predicted: 1.87

Image not found
d-Quercitol
Measured: 6.70e-01
Predicted: 6.94e-01

Image not found
Shikimic acid
Measured: 8.61e-01
Predicted: 9.67e-01